

SEQUENCE LISTING

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Hirota, Kiyonori
Sota, Hiroyuki

<120> Support having affinity for antibody

<130> 040894-7434-US

<140> 10575254

<141> 2007-06-05

<150> US 10/575,254

<151> 2006-04-10

<150> PCT/JP2004/014828

<151> 2004-10-07

<150> JP 2003-352937

<151> 2003-10-10

<160> 1

<170> PatentIn version 3.4

<210> 1

<211> 70

<212> PRT

<213> Artificial sequence

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<223> Protein for antibody immobilization

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Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile
1 5 10 15

Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln
20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ala Glu Ala
35 40 45

Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Gly Gly Gly Gly Cys Ala
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Asp Asp Asp Asp Asp Asp
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<211> 128

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<213> Artificial Sequence

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<223> Protein for antibody immobilization

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Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile
1 5 10 15

Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln
20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala
35 40 45

Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Ala Asp Asn Asn Phe Asn
50 55 60

Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu Asn Met Pro Asn Leu
65 70 75 80

Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln Ser Leu Lys Asp Asp Pro
85 90 95

Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala Lys Lys Leu Asn Glu Ser
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Gln Ala Pro Lys Gly Gly Gly Gly Cys Ala Asp Asp Asp Asp Asp Asp
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<211> 58

<212> PRT

<213> Artificial sequence

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<223> A domain monomer

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Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile
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Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln
20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ala Glu Ala
35 40 45

Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys
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<210> 4

<211> 128

<212> PRT

<213> Artificial Sequence

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<223> A domain dimer

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Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile
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Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln
20 25 30

Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala
35 40 45

Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Ala Asp Asn Asn Phe Asn
50 55 60

Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu Asn Met Pro Asn Leu
65 70 75 80

Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln Ser Leu Lys Asp Asp Pro
85 90 95

Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala Lys Lys Leu Asn Glu Ser
100 105 110

Gln Ala Pro Lys Gly Gly Gly Gly Cys Ala Asp Asp Asp Asp Asp Asp
115 120 125

<210> 5

<211> 12

<212> PRT

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<223> Linker peptide

<400> 5

Gly Gly Gly Gly Cys Ala Asp Asp Asp Asp Asp Asp
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<210> 6

<211> 216

<212> DNA

<213> Artificial Sequence

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<223> DNA encoding protein for antibody immobilization

<400> 6

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cctaacttaa acgaagaaca acgcaatggt ttcattccaaa gcttaaaaga tgacccaagc 120
caaagtgccta acctattgtc agaagctaaa aagttaaatg aatctcaagc accgaaaggt 180
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<210> 7

<211> 390

<212> DNA

<213> Artificial Sequence

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<223> DNA encoding protein for antibody immobilization

<400> 7

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caaagtgccta acctattgtc agaagctaaa aagttaaatg aatctcaagc accgaaagct 180
gataacaatt tcaacaaaga acaacaaaat gctttctatg aaatcttgaa tatgcctaac 240
ttaaacgaag aacaacgcaa tggtttcac caaagcttaa aagatgaccc aagccaaagt 300
gctaacctat tgtcagaagc taaaagttta aatgaatctc aagcaccgaa aggtggcgggt 360
ggctgcgctg atgacgatga cgatgactaa 390

<210> 8

<211> 302

<212> DNA

<213> Artificial Sequence

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<223> DNA for transferring into vector

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tctatgaaat cttgaatatg cctaacttaa acgaagaaca acgcaatggt ttcattccaaa 180
gcttaaaaga tgacccaagc caaagtgccta acctattgtc agaagctaaa aagttaaatg 240
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tc 302

<210> 9

<211> 476

<212> DNA

<213> Artificial Sequence

<220>

<223> DNA for transferring into vector

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tctatgaaat cttgaatatg cctaacttaa acgaagaaca acgcaatggt ttcattccaaa 180
gcttaaaaga tgacccaagc caaagtgccta acctattgtc agaagctaaa aagttaaatg 240
aatctcaagc accgaaaggt gataacaatt tcaacaaaga acaacaaaat gctttctatg 300

aaatcttgaa tatgcctaac ttaaacgaag aacaacgcaa tggtttcac caaagcttaa 360
aagatgaccc aagccaaagt gctaacctat tgtcagaagc taaaaagtta aatgaatctc 420
aagcaccgaa aggtggcggt ggctgcgctg atgacgatga cgatgactaa gaattc 476

<210> 10

<211> 74

<212> DNA

<213> Artificial Sequence

<220>

<223> Additional DNA sequence for gene expression

<400> 10

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aaggaggaac gact 74